

KREJCI, Z.; TICH, M.

The present status and problems of teaching hygiene at general medicine departments. Cesk. hyg. 10 no.8:454-459 S '65.

1. Katedra hygieny a epidemiologie lekarske fakulty Palackeho University, Olomouc a Katedra obecne hygieny lekarske fakulty Karlovy University, Hradec Kralove.

KRAL, Bohuslav; CERNOCHOVA, Zdena; TUSL, Miloslav; SULC, Rudolf;
Tech. spoluprace: KACEROVA, M.

Cardiorespiratory functions at rest and under physical exertion
in patients with heart diseases. Sborn. ved. prac. lek. fak.
Karlovy. Univ. 7 no.5:687-705 '64.

1. II. interni klinika (prednosta: prof. MUDr. V. Jurkovic)
a Katedra obecne hygieny (prednosta: prof. MUDr. V. Dvorak).

KRAL, B.; TUSL, M.; CERNOCNOVA, Z.; SULC, R. Technicka spoluprace:
KACEROVA, M.

Diffusion lung capacity and various ventilation values at rest and after physical exertion in healthy persons of different age groups. Cas. lek. cesk. 104 no.29:796-799 16 JI'65.

1. II. interni klinika lekarske fakulty Karlovy University v Hradci Kralove (prednosta: prof. dr. V. Jurkovic) a Katedra hygieny lekarske fakulty Karlovy University v Hradci Kralove (vedouci: prof. dr. V. Dvorak).

TUSL, Miloslav

SOURCE, Given Names

Country: Czechoslovakia

Academic Degrees:

Affiliation:

Source: Czechoslovak Hygiene, Vol V, No 2-3, Prague, Mar. 60, p 141.

Data:

SVRCHOVA, Stepanka

Affiliation: Board of Chairmen of Hygiene, comprised of the Medical Faculty of KU / 17, Hradec Kralove.

Data: Co-author of "The Effect of Higher Concentrations of CO₂ on the Organism," Source, p 141.

TUSL, Miloslav

Affiliation: Board of Chairmen of Hygiene, comprised of the Medical Faculty of KU / 17, Hradec Kralove.

Data: Co-author of "The Effect of Higher Concentrations of CO₂ on the Organism," Source, p 141.

Page 1 of 1

(2)

(PH 04114)

TUSL, Miloslav; SVORCOVA, Stepanka; KAUT, Vlastimil

The influence of CO₂ on the respiration of irradiated rabbits.

Sborn.ved.prac.lek.fak.Karlovy.Univ.(Hrad.Kral.) 6 no.1:
95-97 '63.

1. Department of General Hygiene, Faculty of Medicine, Charles
University at Hradec Kralove (head: prof.Vladimir Dvorak,M.D.)

*

SERCL, Miroslav; JECHOVA, Dagmar; KOMRSKA, Milan; KOVARIK, Jaromir;
KRYAL, Vlastimil; LICHA, Helena; LICHY, Josef; NETTL, Sasa;
SIMKOVA, Dagmar; STOVICEK, Jaroslav; VRCHA, Ladimir; ZDRANAL,
Leopold; TUSL, Miloslav; SVORCOVA, Stepanka; KAUT, Vlastislav

On the effect of 1-centimeter electromagnetic waves on the nervous
system in man (radar). Sborn. ved. prac. lek. fak. Karlov. univ.
(Hrad Kral) 4 no.4:427-440 '61.

1. Neurologicka klinika; prednosta prof. DrSc. MUDr. M. Sercl
Katedra obecné hygieny; prednosta prof. MUDr. V. Dvorak.
(RADAR) (NERVOUS SYSTEM physiol)

TUSMAN, M. P.

TUSMAN, M. P. -- "Experience in the Application of a Plantain Preparation in Suppurative Surgery." Acad Sci Latvian SSR, Inst of Experimental Medicine, 1953 (Dissertation for the Degree of Candidate of Medical Sciences)

SO: Izvestiya Ak. Nauk Latvyskov. SSR, No. 9, Sept., 1955

LUKACS, Gyula; TUSNADI, Gyozo; VANGER, Eva

Growth of meat production in fish hatcheries with regard to the number of fishes and their initial weight. Allattani kozl 51 no.1/4:71-76 '64.

1. Chair of Zoology, College of Agriculture, Keszthely.

LUKACS, Gyula; TUSNADI, Gyoza

Examination of the relationship of production factors in the
propagation of carps. Allattani kozl 50 no.1/4:89-93 '63.

TUSNADY, F.

Coal seams up to now unknown in the northern parts of the Bakony Mountains.
p. 11. (Banyaszati Lapok, Vol. 12, No. 1, Jan 1957, Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

BOLLOBAS, Bela; MEGYESI, Laszlo; MORICZ, Ferenc; BOROCZKY, Karoly;
MAKKAI, Mihaly; MALYUSZ, Karoly; SIMON, Laszlo; ~~TUSNADY, Gabor;~~
MAKKAI, Mihaly; SZOKEFALVI-NAGY, Bela; ACZEL, Janos; HOSSZI-MIKLOS;
HALASZ, Gabor; KALMAR, Agota; KATAI, Imre; LOSONGZI, Laszlo;
SZASZ, Domokos

The 1961 Mathematical Contest in Memory of Miklos Schweitzer.
Mat lapok 13 no.1/2:153-171 '62.

1. "Matematikai Lapok" szerkeszto bizottsagi tagja (for Aczel).

TUSNADI, Gy. (Budapest, II., Martirok utja 58)

Allometric investigations on the populations of *Alburnoides bipunctatus* ~~Bleeker~~ from the Carpathian Basin. Acta zool Hung 9 no.1/2:199-207 '63.

1. Zoologisches Institut der Landwirtschaftlichen Akademie, Keszthely. Direktor: prof. G. Kolus.

BOCHKAREV, L.M.; RAGULINA, A.T.; TUSNOVA, N.V.; KHARITONOVA, G.P.

Pelletizing nickel ores for shaft furnace smelting. TSvet.
met. 33 no.1:77-78 Ja '60. (MIRA 13:5)
(Nickel--Metallurgy)

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001757620004-9

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001757620004-9"

TUSTANOVSKIY, A.A. (Moskva, 3-ya Meshchanskaya ul., d 61/2 korp.9);
VASIL'YEV, Yu.M. (Moskva, 3-ya Meshchanskaya ul., d 61/2 korp.9)

Change in mammary gland stroma of the mouse during pregnancy,
lactation and involution. Vop.onk. 3 no.2:139-145 '57. (MLRA 10:6)

1. Iz laboratorii biokhimii (zav. - d-r biol. nauk A.A.Tustanovskiy)
i laboratorii opukholevykh shtammov (zav. - d-r biol. nauk Ye.Ye.
Pogosyants) ottdela etiologii opykholey (zav. - deystv.chl. Akademii
meditsinskikh nauk SSSR prof. A.D.Timofeyevskiy) Instituta eksperi-
mental'noy patologii i terapii raka Akademii meditsinskikh nauk
SSSR (dir. - chl.-korr. Akademii meditsinskikh nauk SSSR prof. N.N.
Blokhin).

(BREAST,physiol.

histochem. & morphol. changes during pregn. & lactation
in mice (Rus))

(PREGNANCY, physiol.

mammary gland histochem. & morphol. changes in mice (Rus))

(LACTATION, physiol.
same)

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001757620004-9

TUSTANOVSKIY, A.A.

On the variability of amino acid content of the brain proteins.

A.A. TUSTANOVSKIY. (DEPT. OF METABOLIC RESEARCH, ALL-UNION INST. OF EXPERIMENTAL MEDICINE, MOSCOW).vol.3, no.2, p 218, 1938.

1ST AND 2ND ORDERS																										3RD AND 4TH ORDERS																									
COMMON ELEMENTS																										COMMON VARIABLES																									
CA																										11A																									
<p>Proteins of the skin. A. A. Tustanovskii. <i>Biokhimiya</i> 12, 285-90(1947).—A cryst. protein with collagenlike properties is obtained from rabbit and rat skins by extn. with 0.1 M buffer solns. of completely or partially neutralized org. acids, according to Sørensen. The optimum pH in the extn. of the protein from rat skin is 3.5 for oxalate buffer, and 4.1 for citrate buffer. The extn. from rabbit skin with citrate buffer proceeds at an optimum pH of 6.7. One part of the chopped skin is extd. with 5-6 parts of the buffer, for 24 hrs. at 7-8°, with frequent shaking. The lipides, and residual tissue are removed by centrifugation and filtration at a low temp. The filtrate is dialyzed against tap water. After 12 hrs., the ext. is less than 0.01 M, and the protein begins to crystallize. The yield of dry protein is 2.7%. The crystals are mostly needle-shaped, from 25 to 750μ in length, with a max. diam. of 5-6μ. H. Priestley</p>																																																			
LAB. OF PROTEIN CHEMISTRY, FIRST OF BIOL. AND MED. CHEM. ACAD. OF MED. SCIENCES, USSR																																																			
ASB-5LA METALLURGICAL LITERATURE CLASSIFICATION																																																			
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OREKHOVICH, V. N., EUSTANOVSKIY, A. A., OREKHOVICH, K. D. , PLOTNIKOVA, M. Ye.

Moscow, 1947

Mbr., Lab. Chemistry of Albumins, Inst. Biol. & Med. Chemistry, Acad. Med. Sci.
SSSR, Moscow, Moscow, 1947

"Procollagen of the Skin," Biokhimiya, 13 No. 1, 1947
BNL Guide, 1:7, 1948

TUSTANOVSKIY, A. A.

PA 21T93

USSR/Medicine - Proteins
Medicine - Dermatology

Jun/Aug 1947

"On the Proteins of the Skin," A. A. Tustanovskiy,
Laboratory of Protein Chemistry, Institute of Bio-
logical and Medicinal Chemistry, Academy of Medicinal
Sciences, 3 pp

"Biokhimiya" Vol XXI, No 4

Skin proteins were separated by special solvents.
Proteins extracted by acid solutions of organic acids
and dihydrogen phosphate exhibit properties like that
of collagen. Crystallization of these proteins is ef-
fected by slowing varying the pH from the range where
proteins stay in solution to where precipitation
results.

21T93

CA

11-B

Preparation of dry crystals of pure albumins. V. N. Orekhovich and A. A. Tustanovskii. *Sov. Med. Biol. Med.* 23, 197-8(1947).—Pure dry albumin crystals could not be obtained by soln. in alc. or alc. and ether, drying at room temp. and at 30°-50°. Pure dry crystals were obtained by immersing the impure crystals in distd. H₂O, exposing them to a strong current of warm air (30°-50°), and immersing the white cryst. powder in H₂O. Dry crystals can be obtained more easily by immersing in 0.5-1% soln. of NaCl and, if necessary, washing with distd. H₂O.

W. R. Richter

ASB-ILA METALLURGICAL LITERATURE CLASSIFICATION

TUSTANOVSKIY, A. A.

USSR/Medicine - Skin
Chemistry - Hydrolysis

Aug 1947

"The Fermentative Hydrolysis of Skin Crystalbumin," V. N. Orekhovich, A. A. Tustanovskiy, K. D. Orekhovich, Inst Biolog Med Chem, Acad Med Sci USSR, Physiol Chem Lab, Acad Sci USSR, 3 pp

"Dok Akad Nauk SSSR, Nova Ser" Vol LVII, No 5 - *pp. 475-7*

Studies intensity of fermentative hydrolysis of skin crystalbumin with various pH of the media, and gives a diagrammatic representation of its intensity with papain and cathepsin in relation to pH of media. Submitted by Academician Ya. O. Parnas, 10 Jan 1947.

PA 58T63

1ST AND 2ND ORDER										PROCESSES AND PROPERTIES INDEX										3RD AND 4TH ORDER									
<p>CA The procollagen of hide. V. N. Orekhovich, A. A. Gusanovskii, K. D. Orekhovich, and N. E. Plotnikova (Akad. Med. Sci., Moscow). <i>Biokhimiya</i> 13, 55-60 (1948); cf. C.A. 42, 917d. Procollagen is found widely distributed in the animal kingdom; all vertebrates contain it. Procollagen is present not only in the hide, but also in many other animal tissues and organs. Cryst. procollagen is prepd. thus: Immediately after the animal is killed, the hide is removed, freed from hypodermic tissue and fat, and finely ground. Albumins and globulins are removed by extn. of the paste with 5 vols. of 0.3 M NaH₂PO₄ at 2° for 24-36 hrs. The globulins sep. on the addn. of an equal vol. of a satd. soln. of (NH₄)₂SO₄. The filtrate ppts. the albumins after satn. with (NH₄)₂SO₄. The paste is washed while on the filter with 1-2 portions of citrate buffer of pH 4.0. Five vols. of citrate buffer of pH 4.0 (based on the wt. of the paste) are then added to the washed paste, and the mixt. is allowed to stand for 24-36 hrs. at 1°. After filtration, a viscous, transparent soln. is obtained, which contains the procollagen. The filtrate is dialyzed against tap water or 0.01 M Na₂HPO₄. Crystals in the form of long needles ppt. after 24 hrs. Anhyd. crystals are obtained by treatment with alc. and ether and drying to const. wt. at 105°. An amorphous prepn. is obtained by adding one vol. of 10% NaCl soln. to the citrate ext. of the hide paste. Rabbit hide contains 4% procollagen (dry-wt. basis). The greatest quantity of procollagen is found in fish skins. Pike perch skins contain 2.5% procollagen (dry protein from moist skin). The ultraviolet absorption spectra of hide procollagen, albumin, globulin, and gelatin were mapped out. Procollagen is rapidly digested by cathepsin and papain, but rather slowly by pepsin and trypsin. H. Priestley</p>																													
<p>ASB-11A METALLURGICAL LITERATURE CLASSIFICATION</p>																													
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OREKHOVICH, V. N.; TUSTANOVSKIY, A. A.; PLOTNIKOVA, N. E.

"Separation of New Type Crystalline Proteins (Procollagen) from Different Organs of Vertebrates," Doklady Akad Nauk USSR 60: 837-839, No 3, 1948. (T-2308).

Previous article reported discovery of procollagen, isolation of crystalline procollagen from skin of various vertebrates, and gave a description of some of its properties. Reports results of studies to determine extent of distribution of procollagen in animals, especially extent to which substance is found in animal organs and tissues. Submitted by Acad. Ya. O. Parnes 27 Feb 48.

PA 68T79

Evaluation B-83873, 28 Mar 55

BA 3

1891. Titrimetric methods of determination of urea and citrulline in biological tissues and fluids. V. N. Orekhovich and A. A. Tustanovsky (*Mikrochimia*, 1949, 14, 444—448).—Urea and citrulline react with diacetylmonosamine and tryptophan to form an intense purple-red colour. The intensity of the colour depends on the ratio of urea or citrulline and tryptophan, and on this basis a quant. method is worked out for the determination of citrulline or urea by titrating with tryptophan until the max. colour is produced. Citrulline in the presence of urea can be estimated by the preliminary treatment of the mixture with urease. D. H. SMITH.

THE LAB. OF PROTEIN CHEMISTRY OF THE INST. OF BIOLOGICAL AND MED, CHEMISTRY
THE ACAD. OF MED. SCIENCES, USSR, MOSCOW

TUSTANOVSKIY, A. A.

USSR/Medicine - Ureides

Medicine - Biochemistry

Jul 49

"Micromethod of Determining Ureides (Citrulline, etc.) and Tryptophan in Whole Albumins," V. N. Orekhovich, A. A. Tustanovskiy, Inst of Biol and Med Chem, Acad Med Sci USSR, 4 pp

"Dok Ak Nauk SSSR" Vol LXVII, No 2

On the basis of coloring, worked out titrimetric methods to determine urea, citrulline and other ureides in organic tissues and fluids and a micro method to determine tryptophan in whole albumins. Methods were successful in 26 out of 30 examinations of animal, plant, and bacterial preparations of albumen. Submitted by Acad A. P. Speranskiy 5 May 49.

PA 54/49T91

SZYMANSKA, Hanna ; TUSTANOWSKA, Aleksandra

Attempted evaluation of the effect of prednisone on the activity of some enzymes and proteins in the blood serum. Pol. arch. med. wewnet. 34 no.3:307-315 '64.

1. Z II Kliniki Chorob Wewnetrznych PAM w Szczecinie (kierownik: prof.dr.med. E.Gorzowski) i Zakladu Anatomii Patologicznej PAM w Szczecinie (kierownik: prof.dr.med. K.Stojalowski).

*

MURCZYNSKI, Czesław; MIKOSZA, Henryk; GREC, Stefan; SYMIEWSKA, Maria;
TUSTANOWSKI, Stanisław; NAROZNIK, Kazimierz

Respiratory function tests with thulium-170. Pol. arch. med.
wewnet. 34 no.6:732-735 '64

1. Z Zakładu Radiologii Pomorskiej Akademii Medycznej w
Szczecinie (Kierownik: prof. dr. Cz. Murczynski) i z Zakładu
Fizyki Pomorskiej Akademii Medycznej w Szczecinie (Kierownik:
dr. inż. H. Mikosza).

TUSTANOVSKIY, A.A.; STRACHITSKIY, K.I.; FIRFAROVA, K.F.

Collagenase activity of the K-toxin of *Clostridium welchii* (type A).
Vop.med.khim. 3:176-180 '51. (MIRA 11:4)

1. Laboratoriya khimii belkov organizma Instituta biologicheskoy
i meditsinskoy khimii AMN SSSR, Moskva.
(COLLAGENASE) (*CLOSTRIDIUM PERFRINGENS*) (TOXINS AND ANTOTOXINS)

1952, No. 1, p. 1.

GUSMANOVSKI, A. A. -- "Procollagens and Some of Their Properties."
Sub 27 Mar 52, Acad Med Sci USSR. (Dissertation for the degree
of Doctor in Biological Sciences).

So: Vechernaya Moskva January-December 1952

TUSTANOVSKIY, A.A.; STRACHITSKIY, K.I.; FIRFAROVA, K.F.

Resistance of native and denatured procollagen and collagen to the
action of trypsin. Vop.med.khim. 4:47-52 '52. (MIRA 11:4)

1. Laboratoriya khimii belkov organizma Instituta biologicheskoy
i meditsinskoy khimii AMN SSSR, Moskva.
(TRYPSIN) (COLLAGEN) (PROCOLLAGEN)

TUSTANOVSKIY, A.A.; SHPIKITER, V.O.

Initial structural changes in procollagen during denaturation.
Vop.med.khim. 4:70-82 '52. (MIRA 11:4)

1. Laboratoriya khimii tkanevykh belkov Instituta biologicheskoy
i meditsinskoy khimii AMN SSSR, Moskva.
(PROCOLLAGEN) (HEAT--PHYSIOLOGICAL EFFECT)

70017100V2017 17.17-
STRACHITSKIY, K.I.; TUSTANOVSKIY, A.A.; FIRFAROVA, K.F.

Determining the activity of collagenase by the procollagen film method.
Vop.med.khim. 4:237-241 '52. (MIRA 11:4)

1. Laboratoriya khimii belkov organizma Instituta biologicheskoy
i meditsinskoy khimii AMN SSSR, Moskva.
(COLLAGENASE) (PROCOLLAGEN)
(CLOSTRIDIUM PERFRINGENS)

Testimony of A

The specificity of argyrophilia of connective tissue proteins. A. A. Tustanovskii and G. V. Orlovskaya. *Ark. Patol.* 15, 41 (1963); *Excerpta Med.*, Sect. V, 7, 233 (1963).—Various substances (cutaneous collagen, procollagen, globulin, tendinous collagen, fibroin, albumin, mucosin, fibrin, keratin, ocular lens, elastoidin, and splenic reticulum) were submitted to examn. by the Bielschowsky-Luna method. The argyrophilia of tissue protein depends to a considerable extent on its cystine (cysteine) content. Substances like collagen, procollagen, and globulin are therefore not argyrophilic. The carbohydrate content is of no importance, although this may exert an effect resulting from action of periodate (dependent on the formation of aldehydes). Argyrophilia is therefore not an adequate criterion for the identification of tissue protein structures.

P. M. B.

(1)

Inst. Biol. & Med. Chem., AMS, USSR

TUSTANOVSKIY, A.A.

The Committee on Stalin Prizes (of the Council of Ministers USSR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr 1954)

<u>Name</u>	<u>Title of Work</u>	<u>Nominated by</u>
Tustanovskiy, A. A.	"Procollagens, Their Chemical Composition, Properties, and Biological Role"	Institute of Biological and Medical Chemistry, Academy of Medical Sciences

SO: W-30604, 7 July 1954

TUSTANOVSKIY, A. A.

(3)

Chemical basis for the method of argyrophilic staining.
G. V. Orlovskaya and A. A. Tustanovskii (Inst. Biol. and
Med. Chem., Acad. Med. Sci. U.S.S.R., Moscow). *Arch.
Patol.* 16, No. 1, 13-22 (1954), cf. *ibid.* 15, No. 3 (1953).--
The chemistry of the argyrophilic staining is discussed.
The main reaction center is the SH group content of the
proteins. The reaction sequence which is probable in this
staining method appears to be the reaction of CH_2O with
the SH and SS links of protein to yield SCH_2OH groups,
which with KMnO_4 yield proteins with SH, S_2 , and SO_2
groups. These groups with AgNO_3 yield $\text{SAg}\cdot\text{AgNO}_3$ and
 SO_2Ag groups, which, in turn, reacting with basic Ag -
 $(\text{NH}_4)_2\text{OH}$, yield protein with $\text{SAg}\cdot\text{Ag}_2\text{O}$ groups, which,
with CH_2O and HCO_2H treatment, yield metallic Ag and
proteins with SO_2H residues. The formal denaturation of
tissues leads into the reaction only a part of the total SH
and S_2 groups. Addnl. denaturation by means of urea en-
hances the natural argyrophilic nature of argyrophilic pro-
teins by "mobilization" of the concealed or latent SH and
 S_2 groups. G. M. Kosolapoff

TUSTANOVSKIY, A. A.

USSR/Medicine

Biochemistry

Card : 1/1

Authors : Tustanovskiy, A. A., Zaydes, A. L., Orlovskaya, G. V., and Mikhaylov, A. N.

Title : New data on the structure of collagen

Periodical : Dokl. AN SSSR, 97, Ed. 1, 121 - 124, July 1954

Abstract : New data regarding the structure of collagen (an albuminoid, main supportive protein of skin, tendon, bone, cartilage and connective tissues), are presented. Collagen should be considered as a multi-phase system with collastromatin and procollagen as basic components. Twelve references: 10 USSR, 1 USA and 1 German. Tables, illustrations.

Institution : Acad. of Med. Sc. USSR. Central Scient-Research Inst. of Leather Industry and Inst. of Experimental Pathology and Cancer Therapy

Presented by : Academician, P. A. Rebinder, January 26, 1954

TUSTANOVSKIY A. A.

TUSTANOVSKIY, A A

The role of nonalbumin constituents in the formation of the procollagen structure. A. L. Zoltes, A. A. Tustanovskii, and G. V. Orlovskaya. *Doklady Akad. Nauk S.S.S.R.* 104, 503-6 (1955).—The effects of lipides and polysaccharides on the striated structure of collagen were studied. Electron-microscope and x-ray methods under small incidence angles showed that the observed striation is not caused by an interweaving or other arrangement of polypeptide chains, but by specific interaction of albumin with polysaccharides. The relatively easy sepn. of most of the polysaccharides from the albumin shows that they combine by bonds weaker than covalent, possibly by H or electrochem. bonds. Lipides do not cause formation of the electron-microscope procollagen structure. X-rays under large incidence angles do not reveal the complexes formed by combination of procollagen with polysaccharide, but only the actual albumin structure. W. M. Sternberg.

USSR/Morphology of Man and Animals. The Skeleton:

S-3

Abs Jour : Ref Zhur - Biol., No 5, 1958, No 21738

Author : Orlovskaya, G.V., Tustanovskiy, A.A., Faydos, A.A.

Inst : Not Given

Title : New Data on the Structure of Collagen and the Problem of
Pathologic and Repair Process in Connective Tissue.

Orig Pub : V sb.: Tr. Vses. konferentsii patologoanatomov. M., Medgiz,
1956, 356-360

Abstract : No abstract

Card : 1/1

TUSTANOVSKIY, A A

Relation of the protein fractions and of the easily hydrolyzable carbohydrates determined in them in the livers of mice with transplanted hepatomas, in tumor tissue, and in the livers of healthy mice. A. M. Kurin, A. A. Tustanovskiy, and G. A. Garzunova-Dal'skaya. *Voprosy Med. Khim.* 2, No. 1, 42-6 (1956).—Male $C_{57}H_{12}$ mice received subcutaneous transplants of hepatomas and were sacrificed 18 days later; proteins of their livers and of the hepatomas and of the livers of healthy controls were fractionated by even serially at 4° with water, $NKCl$, $1.7\% NaCl$, $0.1\% NaOH$, and pptn at pH 5.0-5.8, protein sol. in $0.1\% NaOH$ pptd. by Cl_2CCO_2H , leaving a fraction not extd. by any of these. P was detd. in each fraction, as were total carbohydrates, pentoses, and hexosamine after 4-hr. hydrolysis in $N HCl$ at 100° . The water-sol. fraction of the protein of livers of mice with subcutaneous hepatomas, of livers of controls, and of hepatoma tissue (as mg. % of dry protein) were 16.7, 23.9, and 12.17, resp., showing the demands on the protein resources of the organism by the tumor. The parallel between this change and the cancerogenic change from normal liver cells to malignant hepatoma cells is discussed. 23 references.

Cyrus C. Sturgis, Jr

TUSTANOVSKIY, A.A.

"Effect of 4-Aminopteroylaminoadipic Acid on the Rate of Biosynthesis and Nucleic Acid Content of Tissues in Mice With Inoculated Acute Lymphatic Leukemia," by V. A. Kirsanov and A. A. Tustanovskiy, Institute of Experimental Pathology and Therapy of Cancer, Academy of Medical Sciences USSR, Moscow, Voprosy Meditsinskoy Khimii, Vol 2, No 4, Jul/Aug 56, pp 272-277

In a previous work (Voprosy Onkologii, 1955, Vol 1, No 4, p 59) the author showed that 4-aminopteroylaminoadipic acid, an antimetabolite of folic acid, exerts an antileukemic effect and decreases the rate of biosynthesis of nucleoproteins and nucleic acids in leukemic tissues.

The present work studies the effect of this acid on the inclusion of formate-C¹⁴ in nucleoproteins and nucleic acids of certain organs of mice afflicted with inoculated acute lymphatic leukemia.

It was found that the investigated acid sharply inhibited the inclusion of formate-C¹⁴ in the nucleoproteins and nucleic acids of organs affected by leukemia. This was especially marked in the case of the spleen and the lymph nodes. (U)

Sum. 1360

USSR / General Biology. Physioal and Chemical Biology

B-1

Abs Jour : Ref Zhur - Biol., No 2, 1958, No 4731

Author : Orlovskaya, G.V., Zaiden, A.L., Tustanovskiy, A.A.

Inst : Not given

Title : Formation of Collagen in Embryogenesis.

Orig Pub : Dokl. AN SSSR, 1956, 111, No 6, 1396-1399

Abstract : The integument of fetuses was studied at 5 - 13 weeks (pigs and cows) by methods of histochemistry, electron microscopy and X-ray structural analysis. Collagen fibers (callastromine) consisting of mucopolysaccharides and proteins are found in thread form. The subsequent combining of procollagen causes formation of definite collagen.

Card : 1/1

USSR/Human and Animal Morphology, Skin

AS
S-4

Abs Jour : Ref Zhur - Biol., No 7, 1958, No 31346

Author : Tustanovskiy A.A., Vasil'yev Yu.M.

Inst : Not Given

Title : Changes of the Stroma of the Mammary Gland of Mice in Different Periods of Pregnancy and of Post-Natal Involution.

Orig Pub : Vopr. onkologii, 1957, 3, No 2, 139-145

Abstract : The morphological and histochemical changes in the stroma of the mammary gland were studied in strain C₅₇BL mice during the course of pregnancy and lactation. The epithelium of small ducts in virgin mice is surrounded by a compact basal membrane which is argyophil, PAS-positive, non-metachromatic, is broken down by collagenase, and does not dissolve with testicular hyaluronidase. In the course of pregnancy, the proliferated epithelium of the small and middle ducts forms alveoli, which infiltrate the surrounding connective tissue. Before the beginning of the growth of the epithelium, the

Cord : 1/2

USSR/Human and Animal Morphology. Skin

S-4

Abs Jour : Ref Zhur - Biol., No 7, 1958, No 51346

compact basement membrane disappears and, simultaneously, a network of thin reticular fibers appears around the ducts, and epithelial outgrowths grow out from them. At the end of lactation, along with epithelial degeneration, and simultaneous with it or even a little later, the stroma also degenerates. The physiological infiltrating growth of the epithelium in the course of pregnancy partly conforms with the inflammatory proliferation of the epithelium: in both cases the formation of the connective tissue matrix precedes the ingrowth of the epithelium.

Card : 2/2

ROZEN, V.B.; MYAGKAYA, G.L.; PASSOKHINA, I.J.; ORLOVSKAYA, G.V.;
TUSTANOVSKIY, A.A.; UNDRITSOV, M.I. (Moskva)

Role of cortisone in changes of the reactivity of the body
in experimental modeled rheumatism. Pat. fiziol. i eksp. terap.
7 no.6:17-20 N-D '63. (MIRA 17:7)

1. Iz Nauchno-issledovatel'skogo instituta revmatizma (direktor -
deystvitel'nyy chlen AMN SSSR prof. A.I. Nesterov) AMN SSSR.

AUTHORS: Tustanovskiy, A. A., Ivanova, T. I. SOV/20-122-4-35/57

TITLE: Deamination of d-Sarcosine in Normal and Tumor-Affected Tissues
(O dezaminirovanii d-sarkozina v normal'nykh i onkologicheskikh tkanyakh)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol 122, Nr 4, pp 665-667
(USSR)

ABSTRACT: Sarcosine is a racemate of the p-bis- β -chloroethylamine derivative of a natural amino acid, the phenylalanine, and represents one of the most promising synthetic drugs against tumors (Ref 1). Its structural formula is given. The chemotherapeutic efficacy of preparations from chloroethylamines depends to a considerable extent upon their stability in the media of the organism. A general method for their inactivation is their hydrolysis, which is accompanied by ionization of the chlorine and by conversion into a derivative that has no toxic and therapeutic properties (Ref 2). Its mechanism of inactivation involves specific transforming processes for phenylalanine. Another method is sarcosine metabolism, in this typical case, the oxidation of the chloroethyl groups up to acetaldehyde and

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Deamination of d-Sarcosine in Normal and Tumor-Affected SOV/20-122-4-35/57
Tissues

formate (Ref 2). That part of the inactivation mechanism which concerns the transformation of the phenylalanine especially deserves particular attention since it has become known that the d-isomer of sarcosine is distinguished by a considerably reduced anti-tumor activity, as compared with the l-isomer. Both isomers exert the same effect on the bone-marrow by depressing the leucopoiesis to the same extent. Krebs (Refs 3, 4) did not succeed in supplying the experimental proof for the assumption that the reduced effect of the d-sarcosine is related with the specific deamination of d-phenylalanine by the oxydase of the d-amino acids. Therefore, the authors tried to clarify this part of the problem under review in the tissues mentioned and, in particular, in the bone-marrow. Here, another essential question could be elucidated, i.e. whether the interaction of the chloroethylamines with ferments of the tissues is connected with a necessary lesion of the ferments (Ref 4). The results in table 1 have proved an undoubted capability of the normal and tumor tissues to deaminate the d-sarcosine. The evidence, however, provides no information whether only the hydrolyzed d-sarcosine is deaminized, and

Card 2/4

Deamination of d-Sarcosine in Normal and Tumor-Affected Tissues SOV/20-122-4-35/57

whether the hydrolysis occurs only up to the point when the intact d-sarcosine comes in contact with the ferment. The oxydase of the d-sarcosine in the sarcoma 45 is distinguished by a considerable constancy of activity, whereas in other tumors (experimental and human ones) This ferment was rarely found. An understanding of the manifestations described depends upon the question whether the inconstancy of the oxydase activity is due to a real absence of the apoferment or only to the missing coferment (flavin adenine dinucleotide). This and further related questions are at present clarified by the authors. There are 3 figures and 6 references, 1 of which is Soviet.

ASSOCIATION: Institut eksperimental'noy patologii i terapii raka Akademii meditsinskikh nauk SSSR (Institute of Experimental Pathology and Tumor Therapy, Academy of Medical Sciences, USSR)

PRESENTED: May 31, 1958, by V. A. Engel'gardt, Member, Academy of Sciences, USSR

Card 3/4

Deamination of d-Sarcosylsin in Normal and Tumor-Affected Tissues SOV/20-122-4-55/57

SUBMITTED: June 22, 1958

Card 4/4

ZAYDES, A.L.; TUSTANOVSKIY, A.A.; ORLOVSKAYA, G.V.; PAVLIKHINA, L.V.

Relation of reticulin to proteins of the collagen group. Biofizika,
4 no.3:284-288 '59. (MIRA 12:7)

1. Tsentral'nyy nauchno-issledovatel'skiy institut kozhevenno-obuvnoy
promyshlennosti, Moskva. Personal'naya gruppa chlena-korrespondenta
A.I. Strukova pri AMN, Moskva.

(RETICULIN,

relation to proteins of collagen group (Rus))

(COLLAGEN,

relation of reticulin to proteins of collagen group (Rus))

ORLOVSKAYA, G.V.; TUSTANOVSKIY, A.A.; ZAYDES, A.L. (Moskva)

Amorphous components of reticuloid fibers and their role in
histochemical reactions. Arkh.pat. 21 no.7:23-32 '99. (MIRA 13:5)

(CONNECTIVE TISSUE chemistry)

TOSTANOVSKIY

A A

1960

reports to be submitted to the
1st Intl Congress of Histo-
chemistry and Cytochemistry,
Paris, France, 28 Aug-3 Sep '60.

- FRANCY, V. Ya. - "The nucleic acids of the nerve cell, nucleus and cytoplasm"
- FRANCY, V. Ya., VIKHAROV, V. V. and SHERSTIN, M. Ya. - "Histochemistry of extracellular connective tissue in pathological conditions"
- FRANCY, V. Ya. - "Some aspects of carbohydrate metabolism of the transitional epithelium"
- FRANCY, V. Ya. - "The studies on the cell nucleoproteins with the aid of phenol fractionation procedure"
- FRANCY, V. Ya., VIKHAROV, V. V., SHERSTIN, M. Ya., and GURIEVA, A. V. - "Ultraviolet fluorescence microscopy as a new field of histochemistry"
- FRANCY, V. Ya. - "Histochemical characteristics of connective tissue"
- FRANCY, V. Ya. - "The determination of sulfhydryl groups of proteins by means of the inhibitory indicator (bromocetylthiobutyric acid) method"
- FRANCY, V. Ya. - "Cytochemical and autoradiographic analysis of the role of nucleic acids in the synthesis of cellular proteins"
- FRANCY, V. Ya. - "The evolution of the protein-polysaccharide composition of cardiac connective tissue in the development of rheumatic process"
- FRANCY, V. Ya. - "Histochemical contribution to the study of di-nucleo-oligo-peptide secretion"
- FRANCY, V. Ya. - "Some mechanisms controlling the chemical activity of the nerve cell"
- (A summary of this report has been received by the organizers of the Congress and is included in Group I)
- FRANCY, V. Ya. - "Aspects of histochemistry and the nervous system (this is a proposed report of which the exact title is not yet known. It is listed by general subject matter under Group III)"
- FRANCY, V. Ya. - "Histochemistry in experimental cancer chemotherapy"
- FRANCY, V. Ya. - "Comparative histochemistry of tumors differing in their function"
- FRANCY, V. Ya. - "Presence of ribonucleoproteins in mitochondria of different animal cells and their functional importance" and "Cytochemical and cytophysical peculiarities of nerve tissues"
- FRANCY, V. Ya. - "Biological organization of connective tissues in the light of recent pathological changes"
- FRANCY, V. Ya. - "A comparative physical and chemical study of the characteristic of procollagen and collagenase"
- FRANCY, V. Ya. - "Histochemical studies of the connective tissue, changes observed in the course of development of induced sarcoma in rats"
- FRANCY, V. Ya. - "Protein and nucleic composition of connective tissue"
- FRANCY, V. Ya. and FRANCY, V. Ya. - "On the role of cell nucleus and its functions in protein biosynthesis measured by the incorporation of labeled amino acids"

TUSTANOVSKIY, A.A.; ZAIDES, A.L.; BANGA, Ilona, a biologiai tud.doktora;
ORLOVSKAYA, G.V.

Comparative data of metacollagen and collastromine. Biol orv kozl
MTA 11 no.4:457-465 '60. (EEAI 10:5)

1. Moszkvai Reumakutato Intezet, Moszkvai Kozponti Borkutato
Intezet, Budapesti Orvostudomanyi Egyetem I. Korbonctani es
Kiserleti Rukkutato Intezet.
(COLLAGEN)
(COLLASTROMIN)

TUSTANOVSKIY, A.A.

Problem of the interrelationship of precollagen and collagen components in fibrillogenesis. Arkh.pat. 22 no.9:3-12 '60.
(MIRA 13:12)

(COLLAGEN)

TUSTANOVSKIY, A. A., DAYDES, A. L., ORLOVSKAYA, G. T., MEKLYA, L. L. (ED R)

"Embryogenetic Development of Collagen."

Report presented at the 5th Int'l. Biochemistry Congress,
Moscow, 10-16 Aug 1961.

TUSTANOVSKIY, A.A.; ZAYDES, A.L.; ORLOVSKAYA, G.V.; MYAGKAYA, G.L.

Development of collagen components in embryogenesis. Dokl.AN.SSSR
138 no.4:962-965 Je '61. (MIRA 14:5)

1. Nauchno-issledovatel'skiy institut revmatizma Ministerstva
zdravookhraneniya RSFSR i Tsentral'nyy nauchno-issledovatel'skiy
institut kozhevennoy promyshlennosti. Predstavleno akademikom
A.I.Oparinym.

(COLLAGEN)---(EMBRYOLOGY)

TUSTANOVSKIY, A.A. (Moskva)

Mucoid substances in animal tissues. Usp.sovr.biol 54 no.1:3-
24 J1-Ag '62. (MIRA 15:11)
(MUCOIDS)

BARANOVA, F.S.; TUSTANOVSKIY, A.A.

Effect of the functional state of the cells of the reticuloendothelial system on the mucoprotein content in serum. Vop.med.khim. 11 no.5:83-87 S-O '65.

(MIRA 19:1)

1. Fiziko-biokhimiicheskaya laboratoriya Instituta revmatizma AMN SSSR, Moskva. Submitted July 29, 1964.

TUSTAROVSKIY, A.A.; ORIOVA, A.N. (Moskva)

Results of work of the symposium on the basic trends of Soviet
rheumatology (a meeting with rheumatologists from the U.S.A.).
Vest. AMN SSSR 20 no.3:89-95 '65. (MIRA 18:7)

ZAYDES, A.I.; TUSTANOVSKIY, A.A.; MYAGKAYA, G.L.; ORLOVSKAYA, G.V.

Formation of collagen structures during embryogeny. Biofizika
9 no.4:441-450 '64. (MIR-18:3)

1. Tsentral'nyy nauchno-issledovatel'skiy institut koshhevyykh
obuvnoy promyshlennosti, Moskva i Nauchno-issledovatel'skiy
institut revmatizma AMN SSSR, Moskva.

KAPLANSKIY, A.S.; ORLOVSKAYA, G.V., prof.; TUSTANOVSKIY, A.A., prof.

Pathomorphological changes in the heart of rabbits during immunization with homologous tissues in conjunction with killed streptococcus. Vop.revm. 1 no.2:3-9 Ap-Je '61.

(MIRA 16:4)

1. Iz Gosudarstvennogo nauchno-issledovatel'skogo instituta revmatizma (dir. - deystvitel'nyy chlen AMN SSSR prof. A.I. Nesterov) Ministerstva zdravookhraneniya RSFSR.

(HEART—DISEASES)

(STREPTOCOCCUS)

TUSTANOVSKIY, V.T.

Spectrometer for Compton anticoincidences operating on a
NaI(Tl) crystal and a plastic scintillator. Zav.lab. 31
no.10:1268-1270 '65. (MIRA 19:1)

PLAKSIN, I.N.; STARCHIK, I.P.; TUSTANOVSKIY, V.T.

Determination of proaseodymium and neodymium by means of
the (n, 2n) reaction. Dokl. AN SSSR 165 no. 5:1096 (MIR, 1965)
p. 165.

L. Institut gornogo dela im. A.A. Gukhinskogo. L. Glav-
korespondent AN SSSR (for Plaksin). Submitted June 24, 1965.

MURCZYNSKA, Wanda; GREC, Stefan; KRYGIER, Aleksandra; TUSTANOWSKI, Stanislaw;
DWORAK, Wlodzimierz

Early immunological reactions in tuberculosis studied with bacilli
labeled with the isotope P32. Gruzlica 29 no.10:841-890 0 '61.

1. Z Zakladu Mikrobiologii PAM w Szczecinie Kierownik: prof. dr
W.Murczynska Z Osrodka Izotopowego PAM w Szczecinie Kierownik: prof.
dr C.Murczynski Z Zakladu Anatomii Patologicznej PAM w Szczecinie
Kierownik: prof. dr K.Stojalowski. (PHOSPHORUS radioactive)
(MYCOBACTERIUM TUBERCULOSIS)
(TUBERCULIN REACTION)

MURCZYNSKI, Czesław; MIKOSZA, Henryk; GREG, Stefan; SYPNIEWSKA, Maria,
TUSTANOWSKI, Stanisław; NAROZNIK, Kazimierz.

Use of radioactive thallium-201 for the determination of pulmonary
ventilation disorders. Grzeczka 38 no.28107-111 F164

1. Z Zakładu Radiologii (Kierownik: prof.dr. Cz. Murczyński) i
z Zakładu Fizyki (Kierownik: dr. H. Mikosza) PAM w Szczecinie.

*

TUSTI, Kh.R.

Mechanized grain drying. Zemledelie 26 no.8:91-92 Ag '64.
(MIRA 17:11)
1. Glavnyy inzhener sovkhoza imeni Yu.A. Gagarina Vil'yandiskogo
rayona, Estonskoy SSR.

2916. INFLUENCE OF THERMAL CONDITIONS ON PROCESS OF SEPARATING
OUT PRODUCTS OF LOW TEMPERATURE CARBONISATION. Tusukhanova,
OA and Miringof, NS (Izvest. Akad. Nauk S.S.S.R., Otdel.
Tekh. Nauk. (Bull. Acad. Sci. U.S.S.R., Sect. Tech. Sci.),
Aug. 1949, (8), 1187; title in DSIR Transl Contents Lists
Russian Periodicals, Dec. 1949, (7), 21).

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001757620004-9

PLASIDMANOVA G.M.

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001757620004-9"

NESIS, A.I.; TUSUPBEKOV, S.T.

Upper respiratory tracts in silicosis. Zdrav. Kazakh. 23
no.2:40-43'63. (MIRA 16:10)

1. Iz Kazakhskogo instituta gigiyeny truda i professional'-
nykh zabolevaniy.
(LUNGS--DUST DISEASES) (NOSE--DISEASES)
(PHARYNX--DISEASES)

NESIS, A.I.; TUSUPBEKOV, S.T.

Condition of the upper respiratory tract of workers in enterprises
subject to pneumokoniosis in the Karaganda Economic Region and a
new method of X-ray examination. Nauch. trudy KNIUI no.16:97-105
'64. (MIRA 18:7)

TUSUPBEKOV, S.T.

Condition of the upper respiratory tract in [coal] miners.
Zdrav. Kazakh. 22 no.5:34-38 '62. (MIRA 15:6)

1. Iz Kazakhskogo instituta gigiyeny truda i profzabolevaniy.
Nauchnyy rukovoditel' temy - kand.med.nauk.A.I. Nesis.
(RESPIRATORY ORGANS--DISEASES)
(COAL MINERS--DISEASES AND HYGIENE)

TUSZKE, W.

Practical storage of coal in piles. p.224, Vol. 11, no. 6, June 1955,

PRZEGLAD GORNICZY

SO:MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, (E3AL) , LC, Vol. 4, No. 9,
Sept. 1955, Uncl.

TUSZKI, A.

Fundamentals of the principal solutions of water management in Poland. p. 132. GOSPODARKA WODNA, Warszawa. Vol. 16, no. 4, Apr. 1956.

SOURCE: East European Accessions List (EEAL) Library of Congress
Vol. 5, no. 8, August 1956.

EXCERPTA MEDICA Sec 6 Vol 13/2 Internal Med. Aug 52

4163. THE LIVER FUNCTION IN CHRONIC BRUCELLOSIS - Czynność wątroby w brucellozie przewlekłej - Tuszkiewicz A.R., Kujawa R. and Zochowska H. Inst. Med. Pracy i Hig. Wsist II Klin. Chor. Wewn. Akad. Med., Lublin - ANN. UNIV. M. CURIE-SKŁODOWSKA, D 1957, (119-128) Tables 1

Tests were carried out in 15 patients with chronic brucellosis unaccompanied by fever or any more pronounced pathological symptoms. The test complex consisted in determining: albumin and globulin values in the blood serum; cadmium reaction, thymol reaction, Hanger's reaction; bilirubin and alkaline phosphatase values in blood serum, and Quick's oral hippuric acid test. Deviations from normal in one or more tests were found in all the patients. In 7 persons, only the so-called protein tests were positive; in 5 patients, positive protein tests were accompanied by a slight increase in bilirubin in the blood serum (0.5 up to 1.1 mg./100 ml.) and in 3 others, by a decreased excretion of hippuric acid in the urine. In the majority of patients, there were increased globulins in the serum, associated with a decreased albumin-globulin ratio. Of the protein tests, the cadmium reaction was most frequently positive (10 patients).

(L. 6)

EXCERPTA MEDICA Sec 17 Vol 5/9 Public Health Sept 59

2489. SYMPTOMATOLOGY OF BRUCELLOSIS IN POLAND. OBSERVATION OF 161 CASES - SymptomatoLOGie de la brucellose chronique en Pologne. Resultats de l'observation des 161 cas de brucellose - Taszkiewicz A. - R. and Szewczykowski W. Lublin - PRESSE MED. 1958, 66/59 (1343-1344) Tables 2

In Poland this disease has a pronounced occupational character. The most striking symptoms of brucellosis observed were: fever, perspiration, joint pain, algebras in the testes, nervous excitation, emaciation and enlargement of the liver and spleen. Serological tests and skin reactions were positive in about 88% of cases of active brucellosis. Two cases showed positive cultures from blood and bone marrow; in both instances Br.abortus bovis was cultured. Brucellosis abortus bovis in Poland characteristically brings a benign and persistent disease; mortality has not been recorded.

Pavldk - Brno (L, 6, 17)

POLAND

TUSZKIEWICZ, A. R., and SZEWCZYKOWSKI, W., Clinical Division (Dzial Kliniczny) of the Institute Occupational Medicine and Rural Hygiene (Instytut Medycyny Pracy i Higieny Wsi) in Lublin (Director of Institute: Prof. Dr. Jozef PARNAS, Director of Division: Prof. Dr. A. R. TUSZKIEWICZ)

"The Treatment of Brucellosis. Observation of 186 Cases."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 10, 4 Mar 63, pp 346-351.

Abstract: [Authors' English summary modified] Therapeutic methods and results of treating 186 brucellosis patients (mostly chronic form) with antibiotics, PS or PD vaccine, or both. Immediate results of antibiotic therapy were good, but out of 68 patients re-checked, 40 showed recurrence, whereas some patients retained the disease despite several treatments. Authors discuss the treatment of the disease, difficulties in evaluating activity of chronic form, and the unsatisfactory results of its treatment. Of the 21 references, 3 each are Polish and Russian, while the 10 English and 5 French references contain also WHO reports.

TUSZKIEWICZ, A.R.; UJDA, J.

A case of Recklinghausen's disease with malignant neoplasm of the pleural cavity. *Przegł lek* 20 no.2:156-159 1964.

I. II Clinic of Internal Diseases of the School of Medicine, Lublin.
Head: Prof. Dr. A.R. Tuszkiewicz.

TUSZKIEWICZ, Alfred R.

Progress in the treatment of internal diseases. Polski tygod. lek.
14 no.40:1795-1802 5 Oct 59.
(THERAPEUTICS)

TUSZKIEWICZ, Alfred R.; SZKUTNIK, M.

Palindromic arthritis (with 2 case reports). Pol. tyg. lek.
18 no.25:896-899 17 Je '63.

1. Z II Kliniki Chorob Wewnętrznych AM w Lublinie; kierownik:
prof. dr Alfred R. Tuszkiewicz.
(ARTHRITIS) (KNEE) (EXUDATES AND TRANSUDATES)

TUSZKIEWICZ, Alfred.R.; HANZLIK, Janusz

A case of atrial infarction. Pol. tyg. lek. 18 no.43:1607-
1610 21 0'63.

l. Z II Kliniki Chorob Wewnetrznych AM w Lublinie; kiownik:
prof.dr.med. A.R.Tuszkiewicz.

*

TUSZKIEWICZ, Alfred R.

Antibiotic tables. Polski tygod. lek. 14 no.8:351-356 23 Feb 59.

(ANTIBIOTICS

table of antibiotics (Pol))

KRAWCZYNSKI, Jerzy; TUSZKIEWICZ, Alfred; RYCAJ, M.; SZENCZYKOWSKI, Witold;
DREWNOWSKA, R.; MUJAWA, R.; PASTUSZANKA, S.

An attempt to determine the value of the so-called clearance index
for electrolytes in certain renal diseases. Polskie arch.med. wewn.
28 no.4:468-474 1958.

1. Z II Kliniki Chorob Wewnętrznych A.M. w Lublinie. Kierownik:
prof. dr med. A. Tuszkiewicz i z Central. Laboratorium Klinicznego PSK
Nr 1 Kierownik: doc. dr med. J. Krawczynski. Adres autora: Lublin,
ul. Staszica 16. II Klinika Chorob Wewnętrznych A.M.

(KIDNEY FUNCTION, TESTS

electrolyte clearance tests in renal dis., value (Pol))

(ELECTROLYTES, metabolism

clearance tests in renal dis., value (Pol))

TUSZKIEWICZ, Alfred; KRAWCZYNSKI, Jerzy; RYGAJ, M.; SZEWCZYKOWSKI, Witold;
DREWNOWSKA, I.; KUJAWA, R.; PASTUSZANKA, S.

An attempt to determine the value of the so-called clearnace test
for uric acid in certain renal diseases. Polskie arch.med. wewn.
28 no.4:574-577 1958.

1. Z II Kliniki Chorob Wewnętrznych A.M. w Lublinie Kierownik: prof.
dr med. a. Tuszkiewicz i z Centr. Laboratorium Klinicznego PSK Nr 1
Kierownik: doc. dr med. J. Krawczynski. Adres autora: Lublin,
ul. Staszica 16, II Klinika Chorob Wewnętrznych A.M.

(KIDNEY FUNCTION TESTS,

uric acid clearnace in renal dis., value (Pol))

(URIC ACID, metab.

clearance test in renal dis., value (Pol))

TUSZKIEWICZ, Alfred; BLAZEWSKA, M.

Changes of male genitourinary tract in brucellosis. Przegl. epidem., Warsz. 10 no.3:219-227 1956.

1. Z Instytutu Medycyny Pracy i Higieny Wsi, Dyrektor: prof. dr. J. Parnas.

(GENITALIA, MALE, diseases,
caused by brucellosis (Pol))

(BRUCELLOSIS, complications,
male genital lesions (Pol))

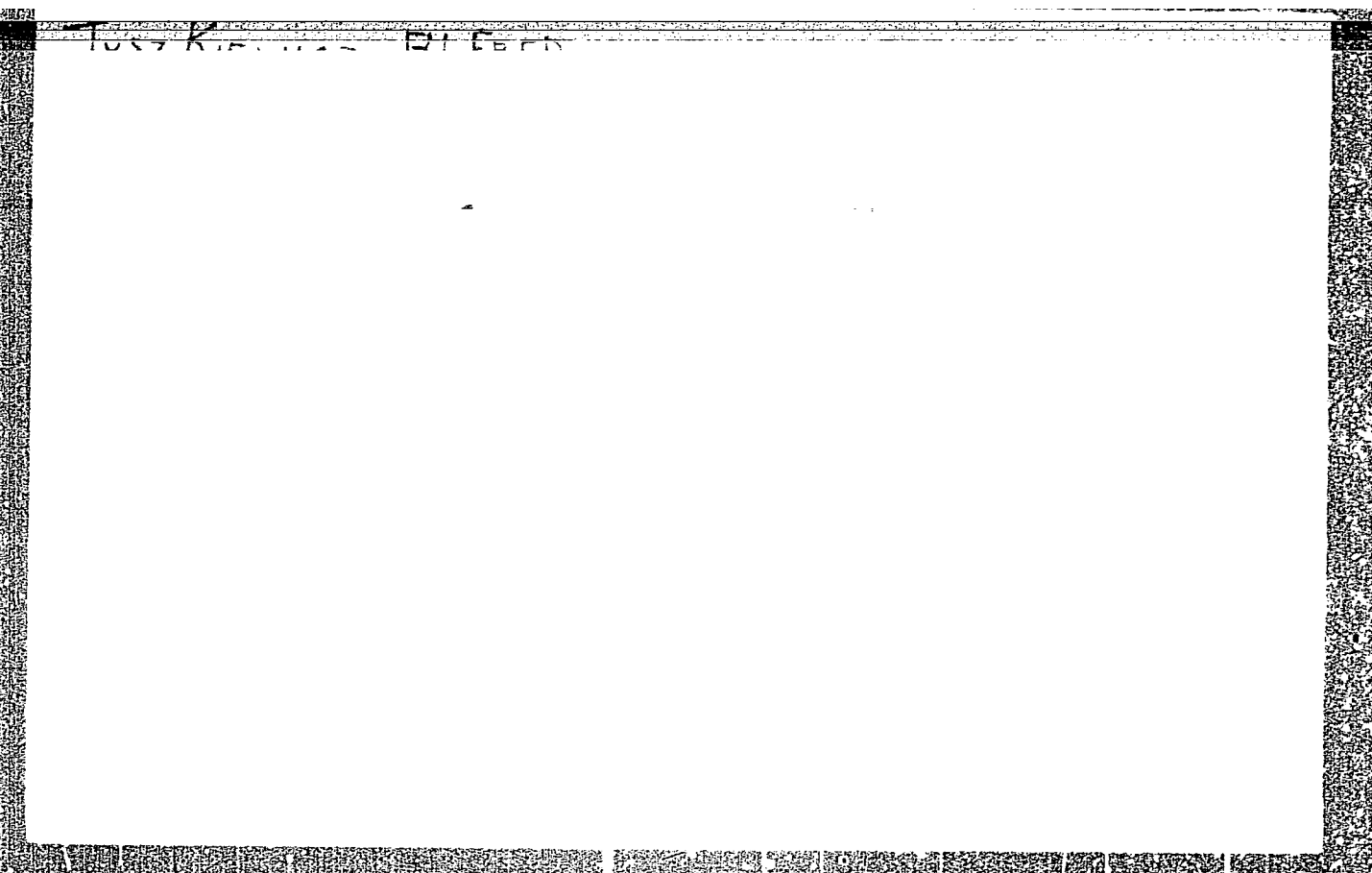
TUSZKIEWICZ, Alfred

Types of brucellosis; project of classification of tuberculosis
in Poland. Przegl. epidem., Warsz. 10 no.3:229-238 1956.

1. Z Instytutu Medycyny Pracy i Higieny Wsi w Lublinie
Dyrektor: prof. dr. J. Parnas.
(BRUCELLOSIS,
classif. (Pol))

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APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001757620004-9"

TUSZKIEWICZ, A.R.

SURNAME, Given Names

Country: Poland

Academic Degrees:

Affiliation:

Source: Warsaw, Przegląd Lekarski, Vol XVII, Ser II, No 8, 1961, pp 310-311.

Data: "A Case of Brucellosis with a Positive Specific Reaction for
Tularaemia."

Authors:

PARNAS, J., Prof., Dr., Director of Department of Anthropozoonotics
(Zakład Antropozoonoz) and Clinical Division (Dział Kliniczny) of
the Institute of Occupational Medicine and Agricultural Hygiene
(Instytut Medycyny Pracy i Higieny Wsi), Lublin. (Rural)

TUSZKIEWICZ, A. R., Department of Anthropozoonotics and Clinical
Division of the Institute of Occupational Medicine and Agricultural
Hygiene, Lublin; Director: Prof. J. PARNAS, Dr.

GPO 981643

TUSZKIEWICZ, A.R.; SZEWCHYKOWSKI, W.

Treatment of brucellosis. (According to observations on 186 cases). Pol. tyg. lek. 18 no.10:346-351 4 Mr '63.

1. Z Działu Klinicznego Instytutu Medycyny Pracy i Higieny Wsi w Lublinie; dyrektor: prof. dr Jozef Parnas, kierownik działu: prof. dr A.R. Tuszkiewicz.

(BRUCELLOSIS) (ANTIBIOTICS) (VACCINE THERAPY)
(ADRENAL CORTEX HORMONES)

~~TUSK~~
TUSZKIEWICZ, A.R.

SURNAME, Given Names

Country: Poland

Academic Degrees:

Affiliation:

Source: Warsaw, Przegląd Lekarski, Vol XVII, Ser II, No 8, 1961, pp 310-311.

Data: "A Case of Brucellosis with a Positive Specific Reaction for
Tularaemia."

Authors:

PARNAS, J., Prof., Dr., Director of Department of Anthropozoonotics
(Zakład Antropozoonoz) and Clinical Division (Dział Kliniczny) of
the Institute of Occupational Medicine and Agricultural Hygiene
(Instytut Medycyny Pracy i Higieny Wsi), Lublin. (Rural)

TUSZKIEWICZ, A. R., Department of Anthropozoonotics and Clinical
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"Palindromic Arthritis. Report of 2 Cases."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 25, 17 Jun 63, pp 896-899

Abstract: [Author's English summary modified] Authors report two cases of exudates of the knee joints with slight local inflammation and no fever recurring alternately every few weeks or months and lasting a few days. In one case the symptoms disappeared without a trace after 2 years; in the other degenerative arthritis of both knees appeared after 4 years. Authors discuss pertinent literature, especially works of Heuch and Rosenberg; differential diagnosis, especially with rheumatoid and periodical arthritis; possible pathogenesis; and possible connection with endogenic metabolites of steroid hormones, as recently reported. Energetic treatment is to be avoided. 14 refs: 3 Polish, 11 Western.

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